

File 351:Derwent WPI 1963-2005/UD,UM &UP=200549

(c) 2005 Thomson Derwent

*File 351: For more current information, include File 331 in your search.
Enter HELP NEWS 331 for details.

1/5/1

DIALOG(R)File 351:Derwent WPI
(c) 2005 Thomson Derwent. All rts. reserv.

009015028 **Image available**

WPI Acc No: 1992-142364/199218

XRPX Acc No: N92-106518

Paper destructor - contains cutting mechanism driven by motor and reception chamber for paper to be shredded

Patent Assignee: IDEAL-W KRUG & PRIE (KRUG-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| DE 4133921 | A | 19920423 | DE 4133921 | A | 19911012 | 199218 B |

Priority Applications (No Type Date): DE 90U14543 U 19901020

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|----------|------------------------|
| DE 4133921 | A | 9 | | CIP of patent DE 14543 |

Abstract (Basic): DE 4133921 A

The paper destructor incorporates a drive motor (1), on the shaft (2) of which a pinion (3) is formed. This pinion engages a gearwheel (4) of a gear (5) for driving a cutting mechanism (6). No housing is required for the drive motor, and it incorporates a stator (7) and a rotor (8) arranged between two plates (9,10). Both plates and the stator are mounted on four bolts (11). Each bolt has four milled edges (17-20) which locate inside holes (14,15) in the sheets (9,10) when the drive motor is installed.

A reception chamber is provided for the paper to be shredded, and is positioned at least partly near to and above the cutting mechanism. In the floor of the chamber is an aperture closable by a valve. The working direction of the cutting mechanism (6) runs inclined to the floor of the reception chamber at an angle of 60 deg.

USE - For shredding paper.

Dwg.1/5

Title Terms: PAPER; DESTROY; CONTAIN; CUT; MECHANISM; DRIVE; MOTOR;
RECEPTION; CHAMBER; PAPER; SHRED

Derwent Class: P41

International Patent Class (Additional): B02C-018/06

File Segment: EngPI